



TECHNOLOGY DRIVEN. WARFIGHTER FOCUSED.

Showcase for Commerce

7 June 2011

Tank Automotive Research, Development & Engineering Center (TARDEC)

Mr. Paul Skalny

Executive Director for the Product Development Business Group

maintaining the data needed, a including suggestions for redu	and completing and reviewing the scing this burden, to Washington s should be aware that notwithsta	e collection of information. Sen Headquarters Services, Directo	d comments regarding this rate for Information Operat	burden estimate or a tions and Reports, 12	ions, searching existing data sources, gathering and ny other aspect of this collection of information, 15 Jefferson Davis Highway, Suite 1204, Arlington ling to comply with a collection of information if it	
1. REPORT DATE 07 JUN 2011		2. REPORT TYPE N/A		3. DATES COVERED		
4. TITLE AND SUBTITLE				5a. CONTRACT NUMBER		
Showcase for Commerce				5b. GRANT NUMBER		
				5c. PROGRAM ELEMENT NUMBER		
6. AUTHOR(S)				5d. PROJECT NUMBER		
Paul Skalny				5e. TASK NUMBER		
				5f. WORK UNIT NUMBER		
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) US Army RDECOM-TARDEC 6501 E 11 Mile Rd Warren, MI 48397-5000, USA				8. PERFORMING ORGANIZATION REPORT NUMBER 21921		
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S) TACOM/TARDEC/RDECOM		
				11. SPONSOR/MONITOR'S REPORT NUMBER(S) 21921		
12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release, distribution unlimited						
13. SUPPLEMENTARY NOTES The original document contains color images.						
14. ABSTRACT						
15. SUBJECT TERMS						
16. SECURITY CLASSIFICATION OF: 17. LIMITATI OF ABSTRA				18. NUMBER	19a. NAME OF RESPONSIBLE PERSON	
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified	SAR	OF PAGES 6		

Report Documentation Page

Form Approved OMB No. 0704-0188









Responsible for Research, Development and Engineering Support to 3,300 Army systems and many of the Army's and DOD's Top Joint Warfighter Development Programs

unclassified



What are Our Technology Focus Areas?



Ground Systems
Survivability

Vehicle Electronics
Architecture

Ground Systems Power & Mobility



Systems Engineering & Integration Excellence Across the Life Cycle

TECHNOLOGY DRIVEN. WARFIGHTER FOCUSED.

Unclassified



What are Our Technology Challenges?

Ground Systems Survivability

- Occupant Protection
- Under Armor Situational Awareness
- Lightweight Armor

Vehicle Electronic Architecture

- Vehicle Networks & Architectures
- Hardware & Software

Ground Systems Power & Mobility

- Size, Weight, Power & Cooling (SWAP-C) Efficiencies
- Drivetrains Integrated Starter Generator, Hybrid, Higher Power Densities, Fuel Efficiency
- Exportable Power

Ground Robotics

Reliability, Controls, & Interoperability

Force Projection

Requirements for Modernization

lassified



How Can You Help?





TARDEC's
Ground Vehicle
Gateway
is YOUR entry point!

HTTPS://tardec.groundvehiclegateway.com

Submit your technology for review



It's All About the Warfighter





TECHNOLOGY DRIVEN. WARFIGHTER FOCUSED.

Unclassified